

IN THE CLAIMS:

The text of all pending claims, (including withdrawn claims) is set forth below. Cancelled and not entered claims are indicated with claim number and status only. The claims as listed below show added text with underlining and deleted text with ~~striketrough~~. The status of each claim is indicated with one of (original), (currently amended), (cancelled), (withdrawn), (new), (previously presented), or (not entered).

Please AMEND claims 1, 9, 11, and 15 and CANCEL claims 17 and 18 in accordance with the following:

1. (CURRENTLY AMENDED) A computer-readable medium storing a test assisting program for assisting in testing operation of a server computer which provides services using a structured document which can be browsed by a document browsing device, the test assisting program enabling a computer to carry out a process comprising steps of:

acquiring a maximum length of text as a formal requirement~~[[s]]~~ for data to be inputted to a data input area of the structured document upon reception of the structured document from the server computer, the ~~formal requirements~~ maximum length being defined in the structured document by using a first tag and parameters thereof, the input area being defined in the structured document by using a second tag and parameters thereof, the first and second tags sharing a common parameter value;

generating candidate data for ~~data to be inputted into the data input area, based on the formal requirements therefor;~~ wherein the candidate data is a piece of text with a length greater than the maximum length acquired from the first tag, and wherein the piece of text describes in itself the fact that the length of the text is greater than the maximum length;

inserting the candidate data into the structured document by using a third tag for enabling the document browsing device to carry out a process of displaying the candidate data and a process of entering the candidate data selected by an operation input into the data input area and

transferring the structured document with the candidate data inserted therein to the document browsing device

whereby a test operator operating the document browsing device can select and enter the candidate data to the data input area on the structured document with an intent to see how the server computer reacts to violation of the formal requirement for the data input area.

2. (CURRENTLY AMENDED) The computer-readable medium according to claim 1, wherein the step of generating the candidate data comprises a step of generating data matching the formal requirements and data not matching the formal requirements.

3. (PREVIOUSLY PRESENTED) The computer-readable medium according to claim 1, further comprising:

determining details of an operation input for requesting the server computer to carry out a process when the operation input is applied to the document browsing device;

generating a log file in which the determined details of the operation input are recorded;
and

reproducing the operation input applied to the document browsing device according to the details of the operation input which are recorded in the log file.

4. (PREVIOUSLY PRESENTED) The computer-readable medium according to claim 3, wherein an object to be operated on is displayed in highlight for a predetermined period of time when the operation input is reproduced.

5. (PREVIOUSLY PRESENTED) The computer-readable medium according to claim 4, wherein the operation input is prevented from being reproduced until the display in highlight of the object to be operated on is finished.

6. (PREVIOUSLY PRESENTED) The computer-readable medium according to claim 3, wherein when a process result is returned from the server computer due to the reproduced operation input, the test assisting program enables the computer to compare the process result and a past process result returned from the server computer due to the operation input, and display a difference between the compared process results.

7. (PREVIOUSLY PRESENTED) The computer-readable medium according to claim 3, wherein the test assisting program enables the computer to measure a time from a

decision in the operation input for requesting the server computer to carry out the process until a process result is returned from the server computer, and display the measured time.

8. (PREVIOUSLY PRESENTED) The computer-readable medium according to claim 3, wherein the test assisting program enables the computer to render translucent an operation view for entering the operation input and display the translucent operation view.

9. (CURRENTLY AMENDED) A test assisting method in a test assisting apparatus for assisting in testing operation of a server computer which provides services using a structured document which can be browsed by a document browsing device, comprising steps of:

acquiring a maximum length of text as a formal requirement for data to be inputted to a data input area of the structured document upon reception of the structured document from the server computer, the ~~formal requirements~~ maximum length being defined in the structured document by using a first tag and parameters thereof, the input area being defined in the structured document by using a second tag and parameters thereof, the first and second tags sharing a common parameter value;

generating candidate data for ~~data to be inputted into the data input area based on the formal requirements therefor~~; wherein the candidate data is a piece of text with a length greater than the maximum length acquired from the first tag, and wherein the piece of text describes in itself the fact that the length of the text is greater than the maximum length;

inserting the candidate data into the structured document by using a third tag for enabling the document browsing device to carry out a process of displaying the candidate data and a process of entering the candidate data selected by an operation input into the data input area; and

transferring the structured document with the candidate data inserted therein to the document browsing device

whereby a test operator operating the document browsing device can select and enter the candidate data to the data input area on the structured document with an intent to see how the server computer reacts to violation of the formal requirement for the data input area.

10. (PREVIOUSLY PRESENTED) The test assisting method according to claim 9,

further comprising steps of:

determining details of an operation input for requesting the server computer to carry out a process when the operation input is applied to the document browsing device;

generating a log file in which the determined details of the operation input are recorded;
and

reproducing the operation input applied to the document browsing device according to the details of the operation input which are recorded in the log file.

11. (CURRENTLY AMENDED) A test assisting apparatus for assisting in testing operation of a server computer which provides services using a structured document which can be browsed by a document browsing device, comprising:

acquiring means for acquiring a maximum length of text as a formal requirement for data to be inputted to a data input area of the structured document upon reception of the structured document from the server computer, ~~the formal requirements-~~ maximum length being defined in the structured document by using a first tag and parameters thereof, the input area being defined in the structured document by using a second tag and parameters thereof, the first and second tags sharing a common parameter value;

generating means for generating candidate data for ~~data to be inputted into the data input area,~~ based on the formal requirements acquired by the acquiring means wherein the candidate data is a piece of text with a length greater than the maximum length acquired from the first tag, and wherein the piece of text describes in itself the fact that the length of the text is greater than the maximum length;

inserting means for inserting the candidate data into the structured document by using a third tag for enabling the document browsing device to carry out a process of displaying the candidate data generated by the generating means and a process of entering the candidate data selected by an operation input into the data input area; and

transferring means for transferring the structured document with the candidate data inserted therein by the inserting means to the document browsing device

whereby a test operator operating the document browsing device can select and enter the candidate data to the data input area on the structured document with an intent to see how the server computer reacts to violation of the formal requirement for the data input area.

12. (PREVIOUSLY PRESENTED) The test assisting apparatus according to claim 11, further comprising:

determining means for determining details of an operation input for requesting the server computer to carry out a process when the operation input is applied to the document browsing device;

generating means for generating a log file in which the determined details of the operation input are recorded; and

reproducing means for reproducing the operation input applied to the document browsing device according to the details of the operation input which are recorded in the log file.

13. (CANCELLED)

14. (CANCELLED)

15. (CURRENTLY AMENDED) A method for testing operation of a server computer from a browsing computer, comprising:

acquiring a maximum length of text as a formal requirement[[s]] for data to be inputted to a data input area upon reception of a document; and

generating candidate data for ~~data to be inputted into the data input area, based on the formal requirements~~ wherein the candidate data is a piece of text with a length greater than the maximum length acquired from the first tag, and wherein the piece of text describes in itself the fact that the length of the text is greater than the maximum length.

16. (CURRENTLY AMENDED) The computer-readable medium according to claim 1, wherein the inserting operation inserts the third tag and parameters thereof after the second tag defining the data input area, such that the candidate data will be associated with the data input area.

17. (CANCELLED)

18. (CANCELLED)